

1. (Twice amended) A communicating apparatus, comprising:  
line control means connected to a telephone line for  
conducting a line control operation including a dialing operation;  
bell signal detection means for detecting a bell signal to  
produce a detection information when the bell signal is received  
from the telephone line;

31 caller information detecting means for detecting a caller  
telephone number notified to a call receiver by a caller telephone  
number notification service;

interface means for controlling a serial communication  
with a personal computer; and

central control means for transmitting through the  
interface 1) the bell signal detection information for  
activating a telephone computer directory software in the  
personal computer, and 2) immediately after a time when the  
bell signal is received, transmitting the caller telephone  
number which is detected by said caller information detecting  
means [through said interface means] for causing [a] the  
telephone computer directory application software [in the  
personal computer] to access and display [additional]  
information stored in the computer that is associated with the  
caller telephone number.

2. (Twice amended) A communicating apparatus according to  
claim 1, further comprising:

RECEIVED

SEP - 8 1999

TC 2700 MAIL ROOM

a handset having a function for voice speech or a voice amplifying function;

means for closing the telephone line in accordance with a state of the handset; and

off-hook detecting means for detecting an event that the telephone line is closed at initiation of communication;

31 said central control means transmitting information of the detection from the off-hook detecting means to a directory application initiation request means integrally included in the personal computer for activating the telephone computer directory software in the personal computer when a call is originated from the communication apparatus.

3. (Twice amended) A communicating apparatus according to claim 1, further comprising:

image reading means for facsimile communication;

operation means for a user to close a line before initiating the facsimile communication; and

off-hook detecting means for detecting an event that the telephone line is closed at initiation of communication;

said control means transmitting information of the detection from the off-hook detecting means to a directory application initiation request means integrally included in the personal computer for activating the telephone computer directory software in the personal computer when the line is closed before initiating the facsimile communication.

20

4. (Twice amended) A communicating apparatus according to claim 1, further comprising:

[line control means connected to a telephone line for conducting a line control operation including a dialing operation;]

off-hook detecting means for detecting an event that the telephone line is closed at initiation of communication;

[caller information detecting means for detecting a caller telephone number notified to a call receiver by a caller telephone number notification service;

31 interface means for controlling a serial communication with a personal computer; and]

wherein the central control means for transmitting through the interface means transmits:

a) information of the detection from the off-hook detecting means to a directory application initiation request means incorporated in the personal computer for activating the telephone computer directory software in the personal computer when a call is originated from the communicating apparatus, and

b) information of the detection from the off-hook detecting means [caller telephone number detected by the caller information detecting means to the personal computer] subsequent to detection of the bell signal for causing the telephone computer directory software to display further information stored in the computer that is associated with the caller telephone number.

---

57. (Twice amended) A communicating apparatus according to claim 1, further comprising:

[line control means connected to a telephone line for conducting a line control operation such as a dialing operation;

B2  
bell signal detecting means for detecting a bell signal received from the telephone line and outputting therefrom information of the detection;

caller information detecting means for detecting a caller telephone number notified to a call receiver by a caller telephone number notification service;]

off-hook detecting means for detecting an event that the telephone line is closed at initiation of communication and outputting off-hook detection information;

a personal computer [on] in which directory application software is loaded [mounted]; and

application software initiation request means for initiating the directory application software in the personal computer in response to the off-hook detection information when a call is originated from the communicating apparatus and in response to the bell signal detection information when a call is received by the communicating apparatus;

[interface means for controlling a serial communication with the personal computer; and

control means for transmitting through the interface means information of the detection from the bell signal detecting means to the application software initiation request means of the personal computer, initiating thereby the software, the

caller telephone number for transmitting through the interface means displaying on a screen detailed information stored in a storage of the personal computer which is associated with the caller telephone number].

32  
6/8. (Amended) A communicating apparatus, according to claim 1, further comprising:

a modem connected to an external data communication device for conducting data communication;

a transformer for interrupting a direct current and for achieving a two-wire to four-wire transforming operation;

a receiver-side amplifier installed in a signal path on a receiver side;

a caller-side amplifier installed in a signal path on a caller side;

off-hook detecting means including a photo-interrupter for producing detection information in accordance with a voltage between a chip wire and a ring wire;

bell signal detecting means including a photo-interrupter for producing detection information at an output terminal end thereof when a bell signal is received via a telephone network;

a microphone and a speaker arranged for a speech without using hands;

an amplifier for amplifying a signal outputted from the microphone;

an amplifier for sounding the speaker; and